## W9HHX - MSOE AMATEUR RADIO STATION

"CQ - CQ - CQ. This is W9HHX calling."

That is what can be heard when passing the radio "shack", as members of the Radio club make contact with other radio "hams". Through these contacts, the club has been heard all over the world.

As proof, club members proudly point to two citations given by the American Radio Relay League (ARRL); the WAC, Worked All Continents, and the WAS, Worked All States, awards. Under the direction of such men as Reid Burrows, and more recently, John D. St. John, the club has made contacts with such far off places as Borneo, Chili, Greenland, Germany, Morocco, the Phillipine Islands, and the Union of South Africa.

MSOE radio dates back to 1903 when a handful of students made crystal sets, and later, with the call letters of WIAO and WSOE, the school helped keep Milwaukee in the radio spotlight with "commercial" broadcasts of political speeches, concerts and the like.

Control of the station was taken over in 1928 by the Wisconsin News, a Milwaukee daily newspaper, when the government issued a directive that no school was to operate a "commercial" station. The call letters were changed to WISN at that time, and the station still operates under that name.

MSOE maintained its leadership in the radio field however, both through classes and the organization of its first amateur club in 1924 under the call letters of W9SO and its chief operator William P. Gainer. The club became a member of the ARRL at that time, and was chosen as the key station of the western section of the College Radio Union.

In 1932, Edward J. Strachura secured a new license with the call letters W9JUE when Gainer graduated, taking the W9SO license with him.

1949 was a year of many important events. The present club was formed in the following way during that year.

February 29 - 84 students and instructors attended an organizational meeting. Officers elected were: Lester Peterson, president; Logan J. Hines, vice president; Elton V. Stolberg, secretary; and George K. Oister, treasurer.

*Charles H. Jacobsen, EEe VI and Kenneth Q. Shepard, RaTelT IV, work in the "shack".*

*Contacting a station in 1949*

April 13 - Club approved the constitution and by-laws.

May 19 - Federal Communications Commission issued license W9HHX to the club.

June 4 - Initial contact under the new call letters was made with W9FLM at Scott Field Air Force Base in Illinois.

July 15 - Club received a new ARRL charter.

October 22 - Transmitter was modulated for voice transmission. Up to that time, all messages were sent by code.

Since August 1951, the club has been operating from its present quarters.

The aims of the club are "to establish a non-profit association of students and faculty of Milwaukee School of Engineering. To promote mutual interest and fraternal good will among those interested in amateur radio, and good relations with the general public, and provide facilities for members of the school to obtain licenses."

Present officers of the club are: William F. Genett, EEe VII, president; Raymond J. Johnson, EEe VII, vice president; William Y. Oshima, EEe V, secretary; and Eugene J. Alm, RaTelT III, treasurer.

Future plans of the club include replacement of the HRO 50-T1 receiver with a Collins 75A-4, and a compression amplifier for more efficient use of audio power. They also hope to get a 160 meter transmitter for club use, and a 350 watt transmitter for C.W. operations on all bands.

The only requirement for membership in the club is a genuine interest in amateur radio. All school personnel are eligible for either a regular or licensed operator membership, or an associate membership.

*The president at the controls*

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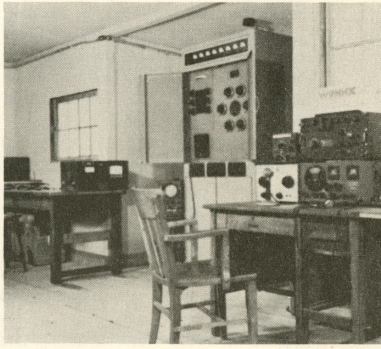
*Radio "Shack" - 1949*